



Missouri
Department of
Natural Resources

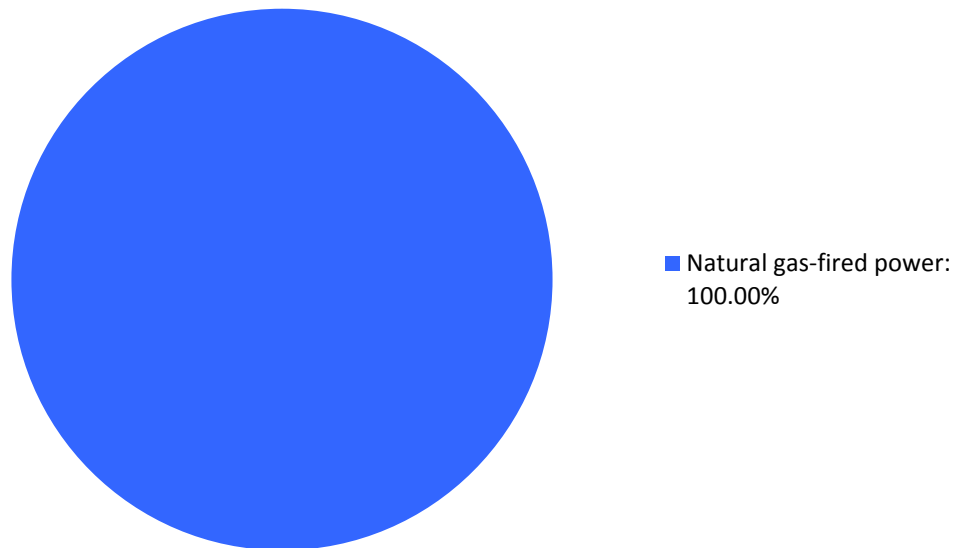
Missouri Joint Municipal Electric Utility Commission
Utility-Owned Electric Generation and Emissions in 2009

| | Fuel Consumption, MMBTUs | Percent of Total | | Net Electric Power Generated in 2009 (MWh) | Percent of Total | |
|------------------------------|--------------------------------|------------------|---------|---|------------------|---------|
| Non-renewable sources | | | | | | |
| Coal-fired power | | | | | | |
| Natural gas-fired power | 1,119,536 | 100.00% | | 91,638 | 100.00% | |
| Oil-fired power | | | | | | |
| Nuclear power | | | | | | |
| Other non-renewable power | | | | | | |
| Non-renewable total | 1,119,536 | 100.00% | 100.00% | 91,638 | 100.00% | 100.00% |
| | | | | | | |
| Renewable sources | | | | | | |
| Hydroelectric Power | | | | | | |
| Wind | | | | | | |
| Waste and biomass | | | | | | |
| Solar | | | | | | |
| Geothermal | | | | | | |
| Landfill Gas | | | | | | |
| Renewable total | 0 | 0.00% | 0.00% | 0 | 0.00% | 0.00% |
| Grand total all sources | 1,119,536 | | 100.00% | 91,638 | | 100.00% |

| Fuel Type | Physical Units | Number of Units |
|--------------------|----------------|-----------------|
| Natural Gas | Mcf | 1,066,225 |



Net Generation by Fuel Type, 2009 for Missouri Joint Municipal Electric Utility Commission





**Emissions from Electricity Generated in 2009: Missouri Joint Municipal Electric
Utility Commission**

| Plant | Carbon Dioxide (CO ₂) (Tons) | Carbon Monoxide (CO) (Tons) | Ammonia (NH ₃) (Tons) | Nitrogen Oxides (NO _x) (Tons) | Sulfur Dioxides (SO ₂) (Tons) |
|---|---|-----------------------------------|--------------------------------------|--|--|
| Missouri Joint Municipal Electric Utility Commission | 62,416.81 | NV | NV | NV | NV |
| MJMEUC Generating Station #1 | 62,416.81 | NV | NV | NV | NV |

| Plant | Volatile Organic Compounds (VOC) (Tons) | Course Particulate Matter (PM ₁₀ Total) (Tons) | Fine Particulate Matter (PM _{2.5} Total) (Tons) | Mercury (Hg) (LBS) |
|---|---|--|--|-----------------------|
| Missouri Joint Municipal Electric Utility Commission | NV | NV | NV | NV |

'NV' = Emissions value not available.

Note: The data provided includes only generation and emissions from power plants owned by the utility. It does not include generation or emissions from power purchased by the utility and distributed to its customers.



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**Pollution controls installed on plants operated by Missouri Joint Municipal Electric
Utility Commission**

| SO2 Controls | | | |
|---|---------------------------|--------------|------------------------|
| Plant | Control Equipment | Sorbent Type | Operational Efficiency |
| MJMEUC Generating Station #1 | No SO2 Controls Installed | | |

| NOX Controls | | | | |
|---|---------------------------|-------------|-----------------------|-----------------------|
| Plant | Device Type | Description | Capture Efficiency | Control Efficiency |
| MJMEUC Generating Station #1 | No NOX Controls Installed | | | |



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**Missouri Power plants owned and operated by Missouri Joint Municipal Electric
Utility Commission in 2009**

| Plant | County | Primary Fuel | Capacity (MW) | Net Generation (MWh) |
|---|---------|--------------|---------------|----------------------|
| MJMEUC Generating Station #1 | Audrain | Natural Gas | 13 | 91,638 |

Data Sources

- Emissions Data: Missouri Department of Natural Resources, Air Pollution Control Program, Missouri Emissions Inventory System (MOEIS)
<http://www.dnr.mo.gov/env/apcp/moeis/emissionsreporting.htm>
- CO2 Emissions calculated by Missouri Department of Natural Resources, Division of Energy, from EIA Fuel Consumption Data
- Fuel Consumption and Generation Data: United States Energy Information Administration, Form 923, United States Department of Energy
http://www.eia.gov/cneaf/electricity/page/eia906_920.html